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Read April 28, 1768.

XIX. *Observations on the Barometer and Thermometer, and Account of the whole Rain in every Month of the Year 1767, taken at the Royal Hospital near Plymouth : By William Farr, M. D. Transmitted to William Watson, M. D. F. R. S.*

Month. 1767.	Barometer.	Therm.	Winds from what Quarter highest.	Rain.	General Account of the Weather.
January	Highest state 30 20 Lowest D° 28 67	D° 53 D° 24	E. by N. S. E. S.	{ 3 4 630	First part of the month clear; and frost ; remainder much rain and stormy weather. January 1st, remarkable gust of wind E. by N.
February	H. 30 05 L. 29 04	H. 53 L. 48	S. S. W. S. W.	{ 3 7.000	Constant rains, only three fair days during the whole month. High winds on the 11th, 19th, and 26th.
March	H. 30 23 L. 29 28	H. 55 L. 44	N. W. W. by N.	{ 3 4.270	Sky serene and clear the greatest part of the month ; towards the middle and latter end very heavy rains.
April	H. 30 41 L. 29 05	H. 55 L. 45	S. E. S. S. E.	{ 3 2.250	Rain from the 20th to the 27th. Storm 21st S. E. the rest of the month very fine weather. Wind mostly E. and S. E. and sometimes N.
May	H. 30 39 L. 29 25	H. 59 L. 50	W. N. N. N. W.	{ 3 2.860	First part of the month very fine weather ; middle and end showery, with hail storms. Air generally sharp through the whole.
June	H. 30 32 L. 29 44	H. 64 L. 53	E. by S. E. by N.	{ 2'' .882	The 8th the first warm day this year ; from thence to the 17th very fine weather, and in general through the month ; though the air was often sharp. No high Winds this month.

1767. Month.	Barometer.	Therm.	Winds from what Quarter highest.	Rain.	General Account of Weather.
July	Highest state 29 98 Lowest D° 29 11	H. 65 L. 60	W. by N. } 3 W. by S. } 3 S. E. } 2" S. W. } 2"	5.560	Almost constant rains during the month; only five fair days.
August	H. 30 21 L. 29 50	H. 69 L. 61	N. N. W. } 2" S. W. } 2"	3.135	First part of the month very fine weather; calm throughout, except from the 14th. to the 16th.; towards the latter end sultry; 29th, thunder-storm.
September	H. 30 33 L. 29 49	H. 67 L. 60	N. W. 2" S. 2"	2.531	First part of the month constant rains; from the 18th to the latter end remarkably fine weather, and quite serene.
October	H. 30 23 L. 29 15	H. 61 L. 48	S. W. } 3 W. } 3 S. W. } 2" S. E. } 2"	3.325	From the 8th to the 15th, weather clear and serene, with sharp frosty mornings; rest of the month rain, or hazy weather.
November	H. 30 37 L. 29 04	H. 10 <sup>th</sup> 60 L. 4 <sup>2</sup>	S. W. 10 <sup>th</sup> } 4 S. S. W. 13 <sup>th</sup> } 4 W. by S. 2" <sup>2"</sup>	3.506	Rain frequent till the 21st; from the 8th to the 16th very squally weather; from the 21st to the end of the month fair.
December	H. 30 54 L. 29 02	H. 53 L. 28	E. by S. 3 N. E. 2"	1.850	Beginning and latter end frosty weather, with little wind; middle, squally with showers.

Total 41.799, or  $41\frac{3}{4}$  inches of rain nearly.

For the more particular account of the weather, during the late frost, vide the subsequent pages.

State of the Barometer, Thermometer, Wind, and Rain, from December 20,  
1767, to January 21, 1768.

1767. Day. December.	Bar.	Ther. within doors.	Ther. without out.	Wind.	Rain	Weather, with miscellaneous remarks.
20 9 a. m.	29 2	50		S. E.	2'''	Fair
11 p. m.	29 27	50		S. E.	2"	D°
21 9 a. m.	29 56	50		E. b. S.	2'''	Clear
11 p. m.	29 70	41		E.	2"	D°. N. B. Frost set in this evening
22 9 a. m.	29 80	40		E. b. N.	2"	Frost air very sharp
11 p. m.	29 86	39		N. E.	2'''	D°
23 9 a. m.	29 90	39		D°	2'''	D°
11 p. m.	29 93	38		D°	2'''	D°
24 9 a. m.	30 1	35		D°	2'''	D°
11 p. m.	30 0	35	30	D°	2"	Cloudy, with frost
25 9 a. m.	29 93	35	30	N. N. E.	1	Clear and serene
11 p. m.	29 75	33	28	D°	2	Cloudy
26 9 a. m.	29 66	33		D°	2'	Sleet at times
11 p. m.	29 60	31	27	N.	1	Clear
27 9 a. m.	29 44	30		N.	0	Clear and serene in the morning
11 p. m.	29 41	29		N.	0	Snow since the afternoon
28 9 a. m.	29 44	29		N.	0	Clear; snow lies on the ground about 4 inches deep
11 p. m.	29 55	30		N.	1	Clear
29 9 a. m.	29 77	31		N.	1	Clear and serene
11 p. m.	29 74	33		S. E.	1	Cloudy; in the night showers.
30 9 a. m.	29 76	34		D°	1 .18 C	Clear and frost
11 p. m.	29 74	36		D°	1	D°
31 9 a. m.	29 80	35		D°	2	Fair and frost; towards noon thaw.
11 p. m.	29 41	36		D°	2''' .220	Rain with sleet; and in the night snow
1768.						
1 9 a. m.	29 0	36		D°	2''' .350	Rain, heavy at times, through the forenoon
11 p. m.	29 30	34		N. E.	2'''	Clear and frost
2 9 a. m.	29 60	33		N.	2"	D°
11 p. m.	30 0	33		N.	2	D°
3 9 a. m.	30 10	29	20	N.	2	D° { N. B. 20 was the lowest state of the therm. ob-
11 p. m.	30 3	30	21	D°	2	served in these parts, without doors.

1768. Day. January.	Bar.	Ther. within doors.	Ther. with- out.	Wind.	Rain	Weather, with miscellaneous remarks.
4 9 a. m.	30 2	30	20	N.	2"	Fair and frost
11 p. m.	29 92	30	22	D°	2'	Cloudy, with D°
5 9 a. m.	29 90	30		D°	2'	Clear and frost
11 p. m.	29 80	30		D°	2'	Cloudy
6 9 a. m.	29 66	32	30	D°	2'	Snow
11 p. m.	29 60	32		N. E.	2	Hail and sleet, with frost
7 9 a. m.	29 54	32		E.	2	Cloudy
11 p. m.	29 49	34		E. b. S.	2	D°
8 9 a. m.	29 26	35		S. E.	2"	Rain constant, with thaw through the day
11 p. m.	29 20	35		D°	2"	D°
9 9 a. m.	29 10	36		D°	2"	Rain at times
11 p. m.	29 14	36		E.	2'''	Rain constant
10 9 a. m.	29 34	37		N. W.	2"	Snow, with rain at times
11 p. m.	29 56	37		N.N.W.	2"	Cloudy
11 9 a. m.	29 60	36		D°	1	Fair and frost
11 p. m.	29 68	36		W.b. N.	1	Thaw, with snow; now frost again
12 9 a. m.	29 66	36		S. E.	2	Rain from 11 a. m. constant through the day
11 p. m.	29 50	39		D°	2	D°
13 9 a. m.	29 47	48		S.	2	Cloudy
11 p. m.	29 36	48		S. W.	2'''	Rain since 2 p. m.
14 9 a. m.	29 30	48		D°	2"	Cloudy, with rain
11 p. m.	29 16	49		D°	2	Cloudy
15 9 a. m.	29 25	48		W.	2	Rain heavy till noon
11 p. m.	29 50	47		W. b. S.	1	Fair
16 9 a. m.	29 80	46		D°	0	Fog in the morning; afterwards clear and serene
11 p. m.	29 87	45		S. W.	1	Clear
17 9 a. m.	29 87	45		E.	2	Close and cloudy, with small rain
11 p. m.	29 78	45		S. W.	1	Cloudy
18 9 a. m.	29 46	45		W. b. S.	1	Rain heavy till the afternoon
11 p. m.	29 65	44		N. W.	1	Cloudy
19 9 a. m.	29 67	44		D°	1	Clear and serene
11 p. m.	29 56	44		D°	2"	Rain since 4 p. m.
20 9 a. m.	29 60	44		N.N.W.	4	Fair with flying clouds. N. B. Hurricane from
11 p. m.	29 75	44		D°	2	4 to 8 a. m.; when the Fame Man of War was driven from her mooring in Hamoaze; together with the steer-hulk on the rocks, by Saint Nicholas Island.

N. B. The thermometer within doors is kept in an airy open stair case, and not affected by any fire in the House; that without was in a shed under the North wall.

N. B. From the 2d to the 7th of February was a frost, and since that time incessant rain to March 1.

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